E & M J METAL AND MINERAL MARKETS

Weekly Market Information Issued by the Publishers of Engineering and Mining Journal

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Zinc Stocks Reduced to 41,819 Tons During May

The statistical position of zinc worsened during May as stocks of the metal declined to 41,819 tons, a drop of 10,701 tons from April. A high level of consumption, along with the withdrawal of zinc for the Government's stockpile, threatens to create an even tighter market. Shipments in May totaled 90,346 tons.

Production of slab zinc in the United States in May increased to 79,645 tons, the highest monthly total for the post-war period. The daily rate of production for May was 2,569 tons, against 2,529 tons in the preceding month and 2,501 tons in May a year ago.

Unfilled orders moved up from 56,304 tons (corrected) at the end of April to 66,430 tons at the end of May.

A summary of the April and May zinc statistics of the American Zinc Institute, in tons, follows:

	April	May
Stock at beginning	59,776	52,520
Production	75,877	79,645
Production, daily rate	2,529	2,569
Shipments:		
Domestic	73,380	72,606
Export	397	209
Government acc't	9,347	17,331
Totals	83,133	90,346
Stock at end	52,520	41,819
Unfilled orders	56,304	66,430

Slab zinc production during May and stocks at the end of the month, by grades, in tons:

	May Output	Stock at End
Special High Grade	23,082	5,839
Regular High Grade	17,636	10,583
Intermediate	2,603	1,230
Prime Western, etc.	36,249	23,167
Totals	(a) 79,580	41,819

(a) Based on output of 79,645 tons, with deduction for metallurgical losses resulting from conversion of lower grades into Special High Grade.

Canada's Cadmium Output

Canada produced 844,782 lb. of cadmium in 1949, against 766,000 lb. in 1948. British Columbia produced 665,000 lb.; Manitoba 70,952 lb.; and Saskatchewan 108,830 lb.

Steel Rate at 101.1%

The operating rate of the steel industry for the week beginning June 12 was estimated at 101.1% of capacity, which compares with 101.3% in the preceding week, the American Iron and Steel Institute reports.

Prime Western Zinc Raised to 15c Basis—Copper Strong—Lead Buying Moderates

Another advance in zinc, establishing the quotation for Prime Western at 15c. a pound, East St. Louis, featured the week's price developments in major non-ferrous metals. The scarcity of zinc concentrates was largely responsible for the latest move in the metal. Copper was strong but quotably unchanged. Lead demand slackened toward the close of the period. Confirmation from Washington that stockpile buying of lead will be on a reduced scale in the next fiscal year was a factor in slowing down the market. The House Banking Committee has approved a bill to extend the Government's authority to operate the Texas City tin smelter to June 30, 1956. Tungsten ore was higher.

Copper

Though the undertone of the market for copper was strong, and scrap in some directions was one-half cent higher, the market ended the week unchanged on the basis of 22½c., Valley. Demand again was well in excess of offerings by producers. The export market was unchanged.

The tariff situation underwent no change.

The strike that has closed down Chile Copper has taken on the complexion of a general work stoppage. A state of emergency has been declared in the Province of Santiago.

Statistics for May disclosed that stocks of refined copper in the hands of domestic producers declined to 51,020 tons. Deliveries to fabricators totaled 113,837 tons. In addition, the industry delivered about 25,000 tons to the stockpile. Production increased here and abroad.

The statistics of Copper Institute, released yesterday, follow, in tons:

United States

Production	(a) April	May
Crude, primary	73,853	76,543
Crude, secondary	9,929	6,480
Totals, crude	83,782	83,023
Refined	103,293	112,368
Deliveries, refined	101,729	113,837
Stocks, refined	57,028	51,020

Outside United States

Production	April	May
Crude, primary	104,673	117,360
Crude, secondary	1,004	756
Totals, crude	105,677	118,116
Refined	89,369	98,082
Deliveries, refined	72,047	83,305
Stocks, refined	150,444	164,650

(a) Corrected figures.

Lead

Demand for lead was fairly active early in the week but moderated toward the close. The news that the stockpile program calls for reduced purchases in the coming fiscal year caused consumers to hesitate to reappraise the supply situation in the metal. Stockpile quotas for lead are far more advanced than either copper or zinc.

Sales for the week in the domestic market totaled 9,160 tons, which compares with 9,545 tons in the preceding week. The undertone was steady at 12c., New York, and at 11.80c., St. Louis.

Export business was quiet. The price continued at 11½c., f.a.s. Gulf ports.

Zinc

Interest centered in the "stockpile" meeting in Washington at which producers learned that the Munitions Board intends to acquire zinc during the next fiscal year at about the same rate as in the current year.

Prime Western zinc advanced one-half cent a pound on June 12th. Business was booked at a flat price on that day at both 14½c. and 15c., East St. Louis basis. On the following day, however, all sales were at 15c.

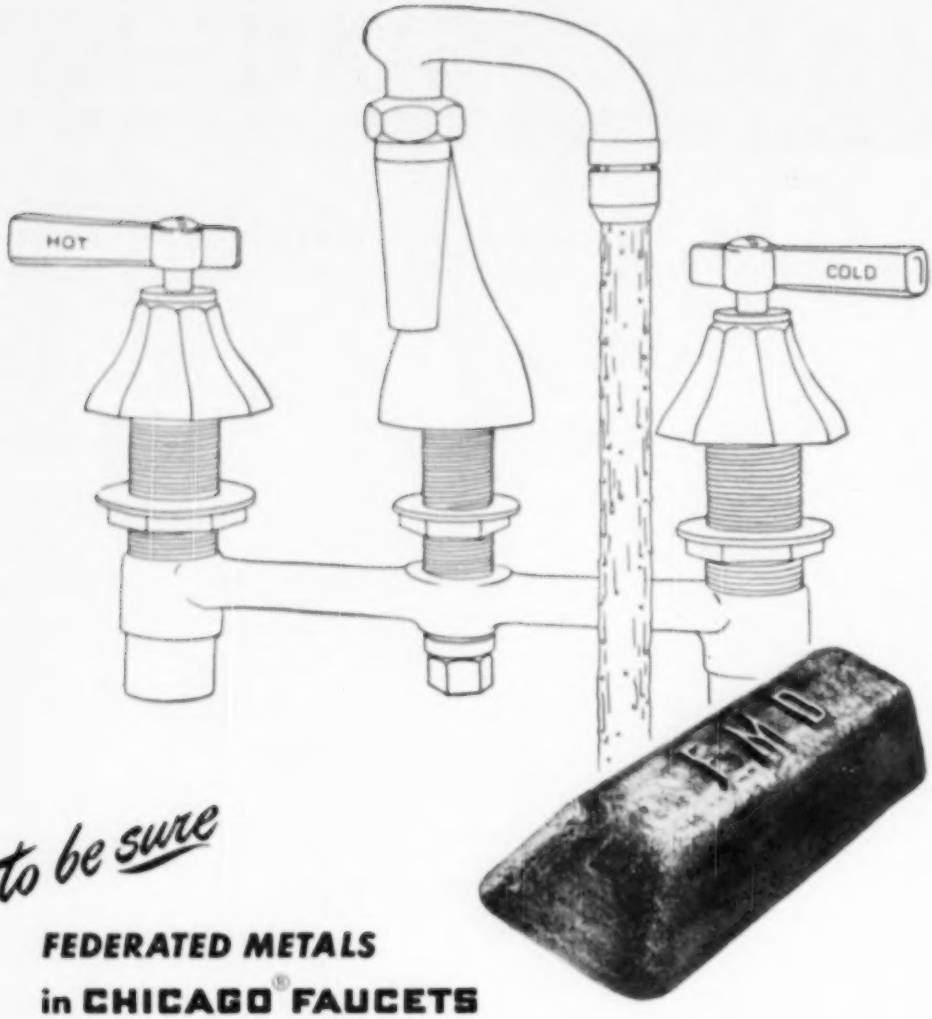
The Rosita (Mexico) smelter of the American Smelting & Refining Co. was shut down by a strike on June 12th. The plant produces around 4,800 tons of zinc a month.

Tungsten Ore

With Europe in the market for ore and virtually nothing coming out of China, the market last week showed considerable strength. Business was reported at prices ranging from $21.00 to $21.50 per unit of WO_3 on good quality tungsten ore.

In the first quarter of 1950, mines in the United States produced 891 tons of ore, basis 60% WO_3, against an average of 761 tons quarterly in 1949. Imports for consumption amounted to 7,619 tons, of which 6,471 tons were withdrawn by

(Continued on page 5)



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METAL AND MINERAL
MARKETS

Weekly Market Information
Issued by the Publishers of
Engineering and Mining Journal
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E&MJ Metal and Mineral Markets is published each Thursday with a daily quotation for copper, lead, zinc, tin, and silver. Commodities that change price infrequently are quoted at weekly or monthly intervals, according to their importance. Official weekly and calendar weekly averages, also monthly averages, are published for copper, lead, zinc, tin, and silver in the United States market.

Sentiment Is Divided as Boom Lifts Production

Confronted by varying elements in the outlook, business sentiment is divided and uncertainty widespread, the June letter of the National City Bank observes. Three factors contribute to the division in sentiment: (1) that inflationary forces will dominate in the short run, producing a boom and bust; (2) the real inflation danger is over the long run, and that a reaction in business and prices is to be expected before the influences inherent in the fiscal, political and social policies of the Government really take hold in further depreciation of the purchasing power of our money; and (3) that the respective forces are fairly well balanced, with production and employment well sustained and prices reasonably stable.

"In this state of uncertainty the good rule may be to hope for the best and count on something less," according to the Bank's monthly economic review. "Any survey would show," it points out, "that the shortages accumulated during the war are well satisfied in most lines, and that production of the things now most in demand, mainly automobiles and housing, is at a rate far above anything previously known. At levels reached during April and May, the country would turn out in a year something like 9 million cars and 1½ million urban dwelling units. The needs and wants are great, but few believe such rates will be sustained indefinitely . . .

"The situation now is one that will be benefitted by restraint, both in private and public policies. The moderate character of the 1949 recession is proof of the value of conservatism in 1948, when the boom was tempered by the widespread opinion that reaction was just around the corner. Business men weathered the storm comfortably by keeping strong while times were good, and the lesson, which has been learned in a school of experience going back to 1920, is not likely to be forgotten this time."

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First Quarter Mercury Use Totaled 11,200 Flasks

Imports of mercury continued at a high level in the first quarter of 1950, with Spain the chief source, supplying 84% of the total. Production at mines in the United States totaled 1,700 flasks in the first quarter, which compares with a quarterly average of 2,482 flasks in 1949, according to the Bureau of Mines.

Consumption of mercury in this country was estimated at 11,200 flasks in the Jan.-March period, against 13,900 flasks (revised) in the preceding quarter and an average of 9,864 flasks quarterly during all of 1949. New supply of mercury (domestic production plus general imports) exceeded apparent consumption by 3,100 flasks.

Output here was dominated in the first quarter by the Mt. Jackson and Great Eastern mines, in Sonoma County, Calif., and the Cordero mine, in Humboldt County, Nevada. About half a dozen properties were active during the quarter. Cordero was closed Feb. 15.

General imports of mercury in the final quarter of 1949 and the first quarter of 1950, in flasks of 76 pounds:

	Oct.-Dec. 1949	Jan.-Mar. 1950
Canada	25	20
Italy	...	...
Japan	...	625
Mexico	350	1,218
Spain	1,782	11,067
Yugoslavia	2,100	280
Totals	4,265	13,210

Exports of mercury totaled 66 flasks in the Jan.-March period of 1950, compared with a quarterly average 144 flasks in 1949.

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Lead at Smelters and Refineries

Lead stocks at smelters and refineries in the United States in tons, according to the American Bureau of Metal Statistics:

	April 1	May 1
In ore, matte and in process	95,788	88,304
In base bullion:		
Smelters and refiners	15,114	15,284
In transit	4,087	4,763
In process	17,278	17,879
Refined lead	79,172	76,008
Antimonial lead	9,409	10,303
Total stocks	220,848	211,139

Use of Lead in March

Statistics on use of lead (primary and secondary) in the United States in March, with comparable figures for February, in tons, according to the Bureau of Mines:

Metal Products:	Feb.	March
Ammunition	1,745	2,548
Bearing metals	2,016	2,475
Brass and bronze	1,183	1,426
Cable covering	8,694	11,993
Calking lead	2,307	3,184
Casting metals	787	1,142
Collapsible tubes	816	856
Foil	196	146
Pipes, traps, and bends	2,219	2,835
Sheet lead	2,039	2,032
Solder	5,176	6,232
Batteries (antimonial)	12,453	13,154
Batteries (oxides)	9,130	9,727
Terne metal	121	221
Type metal	1,454	1,262
Total	50,946	59,330
Pigments:		
White lead	1,348	1,817
Red lead and litharge	5,635	6,105
Pigments colors	813	963
Other	1,340	1,479
Total	9,336	10,364
Chemicals:		
Tetraethyl lead	7,928	8,967
Miscellaneous chemicals	699	832
Total	8,627	9,799
Miscellaneous Uses:		
Annealing	344	437
Galvanizing	82	141
Lead plating	67	82
Weights and ballast	342	384
Total	835	1,044
Other uses unclassified	775	1,050
Total consumed	70,519	81,587

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U. K. Copper Consumption

The United Kingdom consumed 36,448 long tons of copper during April, against 46,446 tons in March. Of the total quantity consumed in April, 22,884 tons was virgin copper and 13,564 tons scrap, according to the British Bureau of Non-Ferrous Metal Statistics.

Consumption of copper in the first four months of 1950 totaled 164,947 tons, of which 102,676 tons was virgin and 62,271 tons scrap.

Stocks of virgin copper in the United Kingdom on May 1 totaled 127,902 tons, which compares with 115,882 tons a month previous and 129,674 tons at the beginning of the year.

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Italy's Copper Imports

Italy imported 26,279 metric tons of ingot copper in the first four months of 1950, against 16,358 tons in the same period a year ago. Imports of copper wire and other semi-fabricated shapes in the Jan.-April period amounted to 2,790 tons, against 1,217 tons in the same period in 1949.

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Quebec's Asbestos Output

Production of asbestos in the Province of Quebec in April amounted to 68,724 tons, against 68,357 tons in April a year ago, the Quebec Department of Mines reports.

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(Continued from page 1)

the Government, the Bureau of Mines reports. Actual use was estimated at 1,052 tons in the Jan.-March period, against a quarterly average of 1,303 tons in 1949.

Tin

Prices in London and Singapore were erratic, advancing early in the week and declining later as consumers here failed to respond by placing orders in the rising market. Taking the week as a whole, the volume of business was moderate and quotations on Straits tin in New York showed no material change.

Officials of the National Security Resources Board and the RFC recommended extension of the authority to operate the Texas City tin smelter for five years at a hearing on June 12 before the House Banking and Currency Committee.

Standard tin on the London Metal Exchange, per long ton, was as follows:

	Standard Tin Spot	Standard Tin 3-Months
June 8	£611	£612
June 9	£612	£613
June 12	£605½	£606¾
June 13	£602½	£604
June 14	£605	£606

Quotations on the 99% grade (tin content): June 8th, 77½c.; 9th, 77½c.; 10th, 77½c.; 12th, 76¾c.; 13th, 76¾c.; 14th, 77c.

Quicksilver

Quicksilver statistics for the first quarter indicate that domestic mines produced 1,700 flasks and imports amounted to 13,210 flasks. Consumption in the Jan.-March period of 1950 amounted to 11,200 flasks, against 13,900 flasks in the final quarter of 1949. At the end of March, consumers' and dealers' stocks totaled 17,500 flasks, against 15,600 flasks at the beginning of the year, the Bureau of Mines reports.

Figures for the second quarter, when available, are expected to show that domestic mine output declined appreciably. Consumption probably declined. The market last week was quiet and quotations were unchanged on spot at $70 to $72 per flask.

Silver

The New York market for foreign silver was steady at 72½c. an ounce troy.

London was unchanged at 63½d.

United States Gold Price

The price paid by the United States Treasury for gold purchased by the mints continued at $35 per troy ounce of fine gold, less ¼ of 1 percent.

Actual payment by the United States Treasury for gold in imported and domestic ore or concentrate is at 99.75 percent of the price quoted by the Treasury, which at present is equal to $34.9125 per ounce.

Foreign Exchange

Foreign currencies, in addition to the daily quotation on sterling checks given in the table on this page, were quoted on in terms of dollars as follows:

	Demand
Mexico (silver peso)	11.60c.
Canada (dollar) (a)	99½c.

(a) Selling basis, N. Y.

Sterling exchange futures, 60-day and 90-day, nominal.

London cables and checks quoted on even basis throughout week.

Official London Prices

The following delivered quotations have been fixed by the Ministry of Supply for the United Kingdom:

	Per Long Ton £	s.	d.
COPPER			
Electrolytic, high conductivity	186	0	0
Fire refined, high conductivity	186	0	0
Fire refined, high grade	185	0	0
Fire refined, min. 99.7 percent	185	0	0
Fir refined, min. 99.2 percent	184	10	0
Hot rolled black wire rods, English	195	12	0
LEAD			
Soft, foreign duty paid	96	0	0
Soft, Empire	96	0	0
English, refined	97	10	0
ZINC			
Foreign (G.o.b.) duty paid	127	10	0
Domestic (G.o.b.)	127	10	0
Prime Western and debassed	127	10	0
Refined and electrolytic	128	5	0
Minimum 99.99 percent	129	15	0

DAILY PRICES OF METALS (*E & M J Quotations*)

June	Electrolytic Copper Domestic Refinery	Electrolytic Copper Export Refinery	Straits Tin, New York	Lead New York	Lead St. Louis	Zinc East St. Louis
8	22.200	22.425	78.500	12.000	11.800	14.500
9	22.200	22.425	78.250	12.000	11.800	14.500
10	no market	22.425	78.250	12.000	11.800	14.500
12	22.200	22.425	77.750	12.000	11.800	14.825
13	22.200	22.425	77.625	12.000	11.800	15.000
14	22.200	22.425	78.000	12.000	11.800	15.000
Average	22.200	22.425	78.063	12.000	11.800	14.721

Average prices for calendar week ended June 10, are: Domestic paper f.o.b. refinery, 22.100c.; export copper f.o.b. refinery 22.092c.; Straits tin, 78.271c.; New York lead, 12.000c.; St. Louis Lead, 11.800c.; St. Louis zinc, 14.500c.; and silver 72.750c.

The above quotations are our appraisal of the major United States markets, based on sales reported by producers and agencies. They are reduced to the basis of cash, New York or St. Louis as noted. All prices are in cents per pound.

Copper, lead and zinc quotations are based on sales for both prompt and future deliveries; tin quotations are for prompt delivery only.

In the trade, domestic copper prices are quoted on a delivered basis; that is, delivered at consumers' plants. As delivery charges vary with the destination, the figures shown above are net prices at refineries on the Atlantic seaboard. Delivered prices in New England average 0.300c. per pound above refinery basis.

Our export quotation for copper reflects prices obtaining in the open market and is based on sales in the foreign market reduced to the f.o.b. refinery equivalent, Atlantic seaboard. On f.a.s. transactions we deduct 0.075c. for lighterage, etc., to arrive at the f.o.b. refinery quotation.

Quotations for copper are for the ordinary forms of wirebars and ingot bars. For standard ingots an extra 0.0875c. per pound is charged; for slabs 0.225c. up, and for cakes 0.275c. up, depending on weight and dimensions; for billets, an extra 1.05c. up, depending on dimensions and quality. Cathodes in standard sizes are sold at a discount of 0.125c. to 0.15c. per pound.

Quotations for zinc are for ordinary Prime Western brands. Premiums obtaining over Prime Western zinc in the East St. Louis market on the following grades, in cents per pound: Selected, 0.10c.; Brass Special, 0.25c.; Intermediate, 0.5c; High Grade zinc sold on contract, delivered in the East and Middle West, commands a premium of 1.15c. per pound over the East St. Louis basis for Prime Western; on Special High Grade the premium or differential is 1.35c. per pound.

Quotations for lead reflect prices obtained for common lead only. The differential on sales in the Chicago district is 10 points under New York, for New England add 7½ points to the New York basis. Corroding grade commands a premium over common lead of 10 points.

Silver, Gold, and Sterling Exchange

June	Sterling Exchange "Checks"	Silver New York	Silver London	Gold London
8	$2.80	72⅝	63½d.	248s.
9	2.80	72⅝	63½d.	248s.
10	Not Quoted			
12	2.80	72⅝	63½d.	248s.
13	2.80	72⅝	63½d.	248s.
14	2.80	72⅝	63½d.	248s.

Average silver, 72.750c.; Sterling Exchange 280.000c.

The daily New York silver quotation reported by Handy & Harman is for silver contained in ores and other unrefined silver-bearing materials, in cents and one-eighth cent fractions per troy ounce. It is determined by Handy & Harman on the basis of actual sales of bar silver .999 fine in amounts of 50,000 ounces or more for nearby delivery at New York, and is usually one-quarter cent below the price paid for such bar silver, this reduction being allowance for carrying, delivering, and marketing. In addition to foreign silver, the quotations also apply to domestic and Treasury silver if such silver enters the New York market.

The Treasury's purchase price of newly mined domestic silver was established at 90.5c. per troy ounce, 1000 fine, effective on July 1, 1946 under an amendment to the Silver Purchase Act of July 6, 1939.

London silver quotations are in pence per troy ounce, basis .999 fine.

London gold quotations are per troy ounce, basis 1000 fine.

Sterling quotations represent the demand market in the foreness. For premium on cables see Foreign Exchange.

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Miscellaneous Metals

Quotations cover wholesale lots, f.o.b. New York, unless otherwise specified.

ALUMINUM—Per lb., base price, f.o.b. shipping point: 30 lb. ingot, 99% plus, 17½c.; in pigs, 16½c.

Base prices on aluminum ingot of higher purity: 99.75%, 18c.; 99.8%, 18½c.; 99.85%, 19½c.; 99.9%, 20½c.

ANTIMONY—Per lb., 99½% grade:

	Domestic, (a) Boxed, New York	Domestic, (b) Bulk, Laredo
June 8	27.780	24.500
June 9	27.780	24.500
June 10	27.780	24.500
June 12	27.780	24.500
June 13	27.780	24.500
June 14	27.780	24.500

(a) Boxed (224 lb.), 10,000 lb. or more but less than a carload, ex store, New York area. (b) In bulk, carload lots, f.o.b. Laredo, Texas; in cases one-half cent extra.

Chinese antimony—Per lb., min. 99%, in case f.o.b. N. Y., duty paid 22c.

BERYLLIUM—Per lb., f.o.b. Cleveland: Technical pebbles, $65; Premium pebbles, $85.

BISMUTH—Per lb., in ton lots, $2.00.

CADMIUM—Per lb. Commercial sticks, wholesale quantities, delivered:

June 8	$2.00
June 9	2.00
June 10	2.00
June 12	2.00
June 13	2.00
June 14	2.00

COBALT—Per lb., 97@99 percent, $1.80 for 500 lb. (bbl.); $1.82 for 100 lb. (case); $1.87 under 100 lb.

IRIDIUM—Per oz. troy, $100, sponge or powder.

MAGNESIUM—Per lb., f.o.b. producer's plant, ingots (4x16 in.), 99.8 percent, carload lots, 21½c.; 100 lb. or more, l.c.l., 23½c. Extruded sticks, carload lots, 29c.; 100 lb. or more, l.c.l. 31c.

NICKEL—Per lb., electrolytic cathodes, f.o.b. Port Colborne, Ont., contract price, 48c., U. S. import duty included. Nickel oxide sinter, 44½c. per lb. of nickel content, f.o.b. Copper Cliff.

PALLADIUM—Per oz. troy, $24.

PLATINUM—Per oz. troy, $66 on wholesale lots; $69 on sales to consumers.

QUICKSILVER—Per flask of 76 lb., $70@$72.

RHODIUM—Per oz. troy, $125.

RUTHENIUM—Per oz. troy, $66@$69.

TUNGSTEN—Per lb., 98.8 percent minimum, 1,000 lb. lots, $2.90. Hydrogen reduced tungsten, 99.9 percent plus $4.50.

Quotations on other miscellaneous metals appeared in June 8 issue.

Metallic Ores

Prices in tons of 2,000 lbs., or in "units" of 20 lb., unless otherwise stated.

CHROME ORE—Per long ton, dry basis, subject to penalties if guarantees are not met, f.o.b. cars New York, Philadelphia, Baltimore, etc.

Indian and Rhodesian:
48% Cr_2O_3, 3 to 1 ratio, lump ..... $35.00@$36.00
48% Cr_2O_3, 2.8 to 1 ratio $32.50
48% Cr_2O_3, no ratio $25.00
South African (Transvaal):
48% Cr_2O_3, no ratio $26.00
45% Cr_2O_3, no ratio ..... $17.00@$18.30
Turkish:
48% Cr_2O_3, 3 to 1 ratio ..... $37.50@$38.00
Brazilian:
44% Cr_2O_3, 2.5 to 1 ratio, lump ..... (a) $31.00
Domestic, 48%, 3 to 1 ratio, $39 per ton, f.o.b. nearest shipping point. Nominal.

(a) Nominal.

MANGANESE ORE—On long-term contracts involving large tonnages prices

wholly normal and a matter for negotiation. Nearby business, basis 48% Mn, 79.8@81.8c. per long tons unit, c.i.f. U.S. ports (duty included).

TUNGSTEN ORE – Per short ton unit of WO_3, for ore of known good analysis: Chinese, duty paid, New York, $21.00@$21.50. Bolivian, Brazilian, etc., duty paid $21.00@$21.50. Domestic scheelite delivered to buyer's plant, $28.50.

Quotations on other ores appeared in June 8 issue.

Rolled Metals, Etc.

BRASS – Cents per lb. (base prices)

	Sheet	Wire	Rods
Yellow Brass	34.19	34.48	a28.54
Best quality brass	35.04	35.33	34.73
Red brass 80%	35.52	35.81	35.21
Red brass 85%	36.96	36.25	35.65
Com'l bronze	36.93	37.22	36.62
Gilding metal	37.38	37.67	37.07

(a) Free cutting

CADMIUM – Per lb. Special shapes, to platers, $2.15.

COPPER – Per lb. Sheets, over 20 in. wide, 37.43c.; rolls, 20 in. and under, 35.46c.; Wire, bare, carload lots, f.o.b. mills 26.67c. Prices nominal.

LEAD SHEETS – Per lb., full rolled, 140 sq. ft. 17c.

ZINC – Per lb., carload lots, f.o.b. mill (base price): Sheet 20½c.; ribbon 19½c.; plates 18½@19½c., depending on size.

Metallic Compounds

ARSENIOUS OXIDE (arsenic trioxide), refined, white minimum 99 percent – Per lb., 51c., in barrels, carload lots, delivered.

COBALT OXIDE – Metallurgical grade, 72% Co, per lb. of Co contained, $1.95, f.o.b. Niagara Falls. Ceramic grade, 70 to 71% Co, per lb., $1.38 east of Mississippi; $1.404 west of Mississippi.

COPPER SULPHATE – Per lb., in carload lots, 8.10c., large or small crystals, f.o.b., N. Y.

Alloys

FERROCHROMIUM – Per lb. of Cr: High carbon (4 to 9% C) 65 to 69% Cr, lump, carloads, delivered Eastern zone, 20.5c.

FERROMANGANESE – Per gross ton, 78@82 percent, $172, seaboard.

FERROMOLYBDENUM, Etc.–Per lb. of Mo contained, f.o.b., shipping point: Ferromolybdenum, 55@65 percent Mo $1.13; calcium molybdate ($CaO\ MoO_3$), 96c.; molybdic trioxide (MoO_3), 94c.

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Quotations on non-metallic minerals appeared in June 8 issue.

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Tri-State Concentrates

Joplin, Mo., June 3, 1950

Blende	Per Ton
Prime coarse (jig and table, 60% zinc)	$95.00
Flotation, 60% zinc	$95.00
Galena	
Coarse and flotation, 80% lead	$147.67

The market for zinc concentrate in the Tri-State area continues firm under active competition for the available supply. The price this week advanced to $95 a ton on both coarse and flotation, a new high for the movement.

Lead concentrate was unchanged at $147.67 a ton, basis 80% lead.

Production of zinc at mines in the Tri-State area during March was estimated at 6,000 tons of contained zinc.

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Smelters' Copper Scrap Prices

Custom smelters' buying prices for copper scrap, carload lots, refinery:

No. 1 heavy copper and wire, 19½@19¾c. No. 2 heavy copper and wire, 18½c. Light copper, 17½c.; refinery brass, 17½c.

Dealers' Scrap Prices

Dealers' buying prices, f.o.b. New York or equivalent freight points, for wholesale quantities in cents per lb.

No. 1 copper wire	17½@17¾
Heavy copper & wire, mixed	16½@16¾
Light copper	15½@15¾
No. 1 composition	14½@14¾
Composition turnings	14@14¼
Cocks and faucets	12@12½
Light brass	9½@9¾
Yellow brass turnings, mix.	8½@9
Heavy yellow brass, mixed	10@10¼
Auto radiators, unsweated	11@11½
Brass pipe, cut	11½@12¼
Rod brass turnings, No. 1	12½@12¾
Rod ends, brass	12½@12¾
New soft brass clips	13@13½
Cast aluminum, mixed	7½@8
Aluminum pistons, clean	7½@8
Aluminum crankcases	8@8½
Aluminum clips, new soft	10@10½
Sheet aluminum, old clean	7½@8
Duralumin clips, new	8@8½
Aluminum turnings, clean	5@5½
Zinc die cast, mixed	5@5½
Zinc die cast, new	8@8½
Old zinc	7½@8
New zinc clips	9@9½
Soft or hard lead	9½@9¾
Battery plates	5@5½
Babbitt mixed	8½@8¾
Linotype or stereotype	10@10½
Electrotype	8½@9
Solder joints close cut	10½@10¾
Block tin pipe	60@62
No. 1 pewter	40@41
Autobearing babbitt	30@32
Monel clips, new	15@16
Monel sheet, clean	14@15
Monel turnings	10@12
Nickel clips, new	30@32
Nickel anodes, cast	28@30

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